

## Recap

16 Teacher renewal units and 1 graduate credit (pending college approval) are available to those that attend this workshop.

\$100 scholarships are available to assist with travel and/or graduate credits.

To apply please complete the form on the reverse side and submit with a one-page letter of application stating how attending this workshop will benefit you!

We will learn many fun and exciting ways to incorporate aviation into teaching math, physics, history, language arts, literature, and geography.

5403



MDT Aeronautics Division  
2630 Airport Rd  
PO Box 200507  
Helena MT 59620-0507

## Takeoff with Aviation Education

Looking for ways to excite your  
students about learning?

**Join us for this fun and exciting workshop**  
designed to help you, the teacher, to incorporate aviation into learning making learning fun and exciting.



Montana Dept. of Transportation

**“TAKE OFF WITH  
AVIATION EDUCATION”**

Date: 03/05/09 - 03/07/2009

Time: 08:00 a.m.

Billings, MT

## The Objective

The objective of "Takeoff with Aviation Education" is to expand the scope of aviation and aerospace education through the introduction of classroom applications for teachers. This workshop will help teachers to incorporate theory of flight and other aviation concepts in the teaching of math, physics, history, language arts, literature, and geography. A special "Science of Flight" curriculum recently developed by a national aviation organization will be introduced at this workshop as well. All concepts taught align with the Montana state teaching standards.



*Use aviation to teach about Science, Math, History, and Geography..*

## The Workshop

The workshop is sponsored by MDT Aeronautics Division.

A few benefits to attending this workshop:

- 16 Teacher renewal units and 1 graduate credit are available (pending college approval).
- \$100 scholarships are available to assist with travel and/or graduate credits.
- Learn new and fun ways to get kids involved in their learning.

To apply, please submit a one-page letter of application stating how attending this workshop will benefit you!

## Workshop Activities

- History of Flight
- Introduction to Flight
- Aircraft Systems & Airports
- Aeronautical Charts
- Air Environment
- Weather Systems & Controls
- History of Rockets
- Rocket Principals, Systems & Controls
- Lift, Weight, Thrust, Drag & Navigation
- Space Environment
- Spacecraft - Manned / Unmanned
- Return to the Moon
- CSI: Moon Alien Encounter
- Mission to Mars
- Mars Rocks! Activity
- Orientation airplane rides for the teachers will be provided by FAA-certificated pilots
- Flight simulator
- Pre-flight inspection



## Takeoff with Aviation Education

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

School & Grade that you teach: \_\_\_\_\_

Check# \_\_\_\_\_

Date Rec'd \_\_\_\_\_

Amount Rec'd \_\_\_\_\_

## Return to:

Montana Dept. of Transportation

Contact Person: Jeanne MacPherson

MDT Aeronautics Division  
2630 Airport Rd  
PO Box 200507  
Helena MT 59620-0507

Phone: 406-444-9568 Fax: 406-444-2519  
Email: jemacpherson@mt.gov